kind, that (altho I seldom love to speak confidently, yet) I can assure every one that there are but two sorts of them in those parts of *England* where I have been, *viz.* the few quick beats of the *Scarabæus Sonicephalus* as *Swammerdam* hath nam'd it) describ'd by Mr *Allen*; and the longer and more leisurely Beats of that Insect I have now been speaking of. There are indeed *Scarabæi* Grashoppers, Crickets, *&c.* which make peculiar noises. But there are no Creatures which make these regular clicking noises (like the Beats of a Pocket-Watch) but only that *Scarabæus Sonicephalus*, and our *Pediculus Pulsatorius*.

IV. *Defectus Lunæ Observatio, die Solis 12° Decembris, habita prope Mercatorium Regium Londini, a J. Hodgson R. S. S. tempore matutino, A. 1703.*

PArato Telescopio pedum duodecim longitudine eoque ad altitudinem idoneam sublato hora quarta matutina, non levis mihi affulsit spes, fore, ut ipsum Eclipseos initium perciperem, quia etsi Cœlum non plane esset serenum, Nubes tamen adeo erant tenues ut ipsum Lunæ limbum facile cernerem, & per intervalla quædam præcipuæ Lunæ maculæ distincte conspiciebantur, sed 20 min. aut circiter post quartam densæ nubes obortæ sunt; quæ cum ferrentur a plaga Cœli quæ est inter occidentem & Austrum, versus partem oppositam ita Lunam obtexerunt ut mihi nullomodo conspicua fuerit nisi 35 min. post quartam tunc enim inconspectum meum recipit. & mihi visus est tantus ab Orientali ora defectus quantus fieri potuit 3 aut 4 minutis horariis ab ingressu primo in umbram numeratis, ejus maculas sat distincte perspere non potui, ad decernendum qua parte illa diliquium pati cœpit, nec licuit per tempus Eclipseos quantitatem dimetiri; sed 4 min. post

poſt 5 quantum conjectare potui illa ſex fermè digitorum ſpacio obſcurata fuit. Eam vidi per intervalla uſque ad horam quintam cum 35 min. quo tempore deerant ad ſummum 3 min. à totali ejus immerſione, tunc autem parva Nubes ſed denſa ita Lunam operuit, ut eam amplius non viderim & quamvis maxime intentus fuerim, ut ſi fieri poſſet ejus Emerſionem viderem nullomodo mihi licuit tum ob craſſitiem Vaporum qui erant circa Horizontem, tum ob diei adventantem lucem eam oculis cernere. Ab initio uſque ad tempus Immerſionis Luna mihi conſpicua facta eſt pluſquam Vigeſies, ſed propter intercurrentes Nubes, & breve temporis ſpatium quo eam intueri licebat penes me non fuit quidquam exacte, ſatis definire at quamvis hæc Obſervatio utilis valde eſſe non poſſit ad Lunarios numeros expendendos, illa tamen ſufficit ad curioſis ſatisfaciendum eoſque convincendum illos numeros non multum a vero aberrare.

VI. *An Extract of a Letter from Mr* Ralph Thoresby, *F. R. S. to Dr* Nehemiah Grew, *Fellow of the College of Phyſicians and R. S. concerning a Ball voided by Stool.*

A Poor Apprentice Girl at *Rawden*, 4 miles from *Leedes* in *Yorkſhire*, about 14 years of Age, having been tormented with Colical, and, as was ſuppos'd, Nephritick Pains for ſome time; at length voided a roundiſh Ball, *per Anum*, as hard to feel upon as a Stone.

After a while, the Pains returning with greater violence, ſo as to make her roul upon the ground, ſhe voided another as hard, and much bigger.

Upon which, one Mrs *Ward* a neighbouring Gentlewoman, who had been much afflicted with Gravel, gave